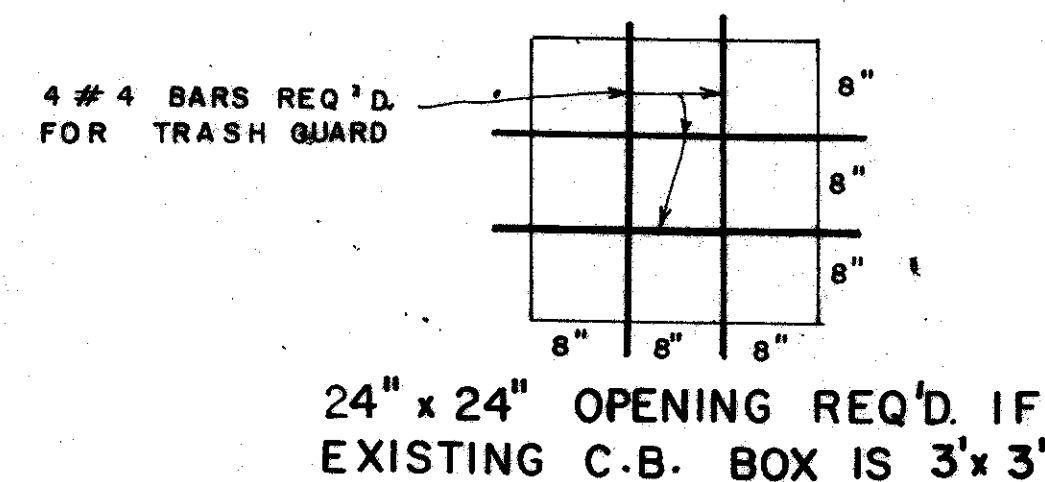
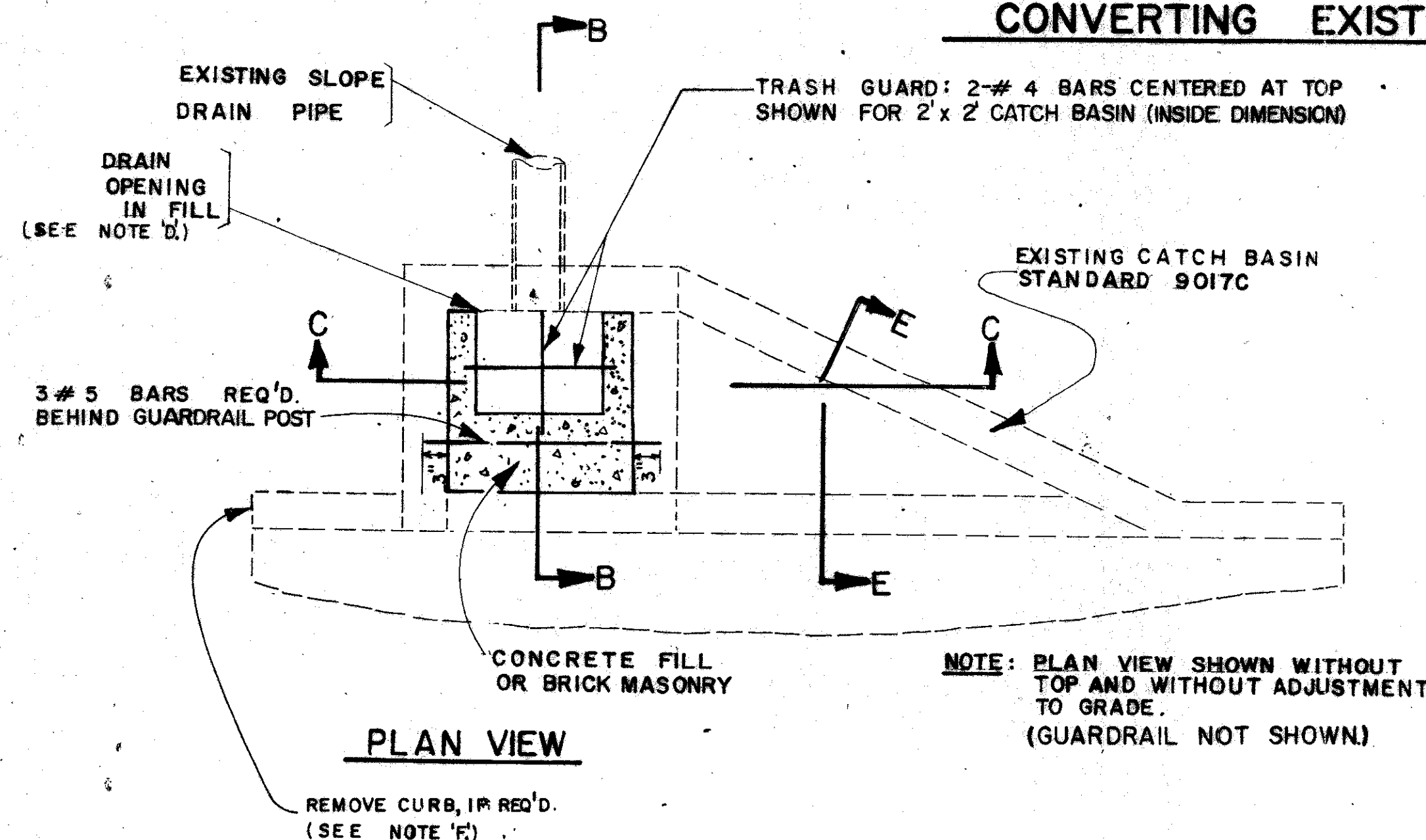


CONVERTING EXISTING 9017C CATCH BASIN TO SPILLWAY

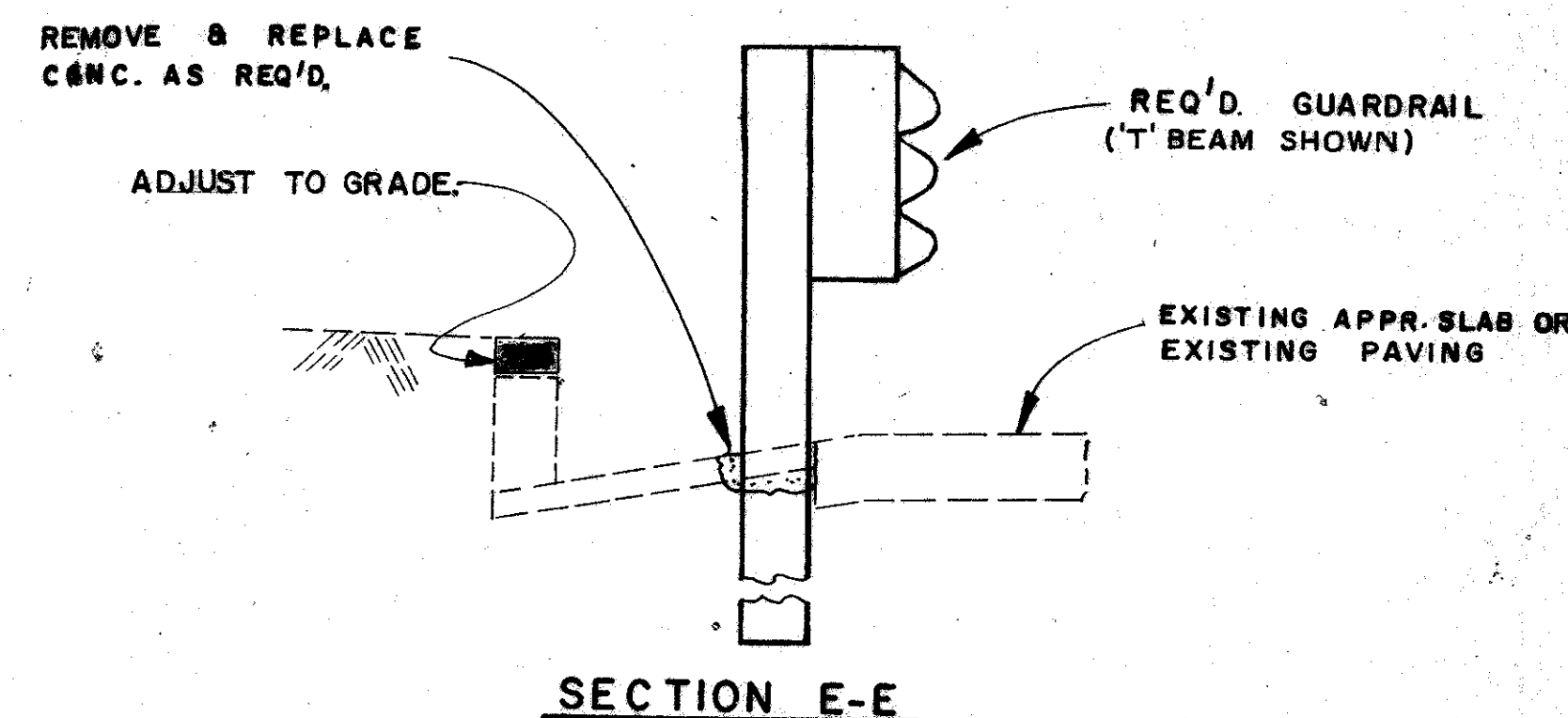
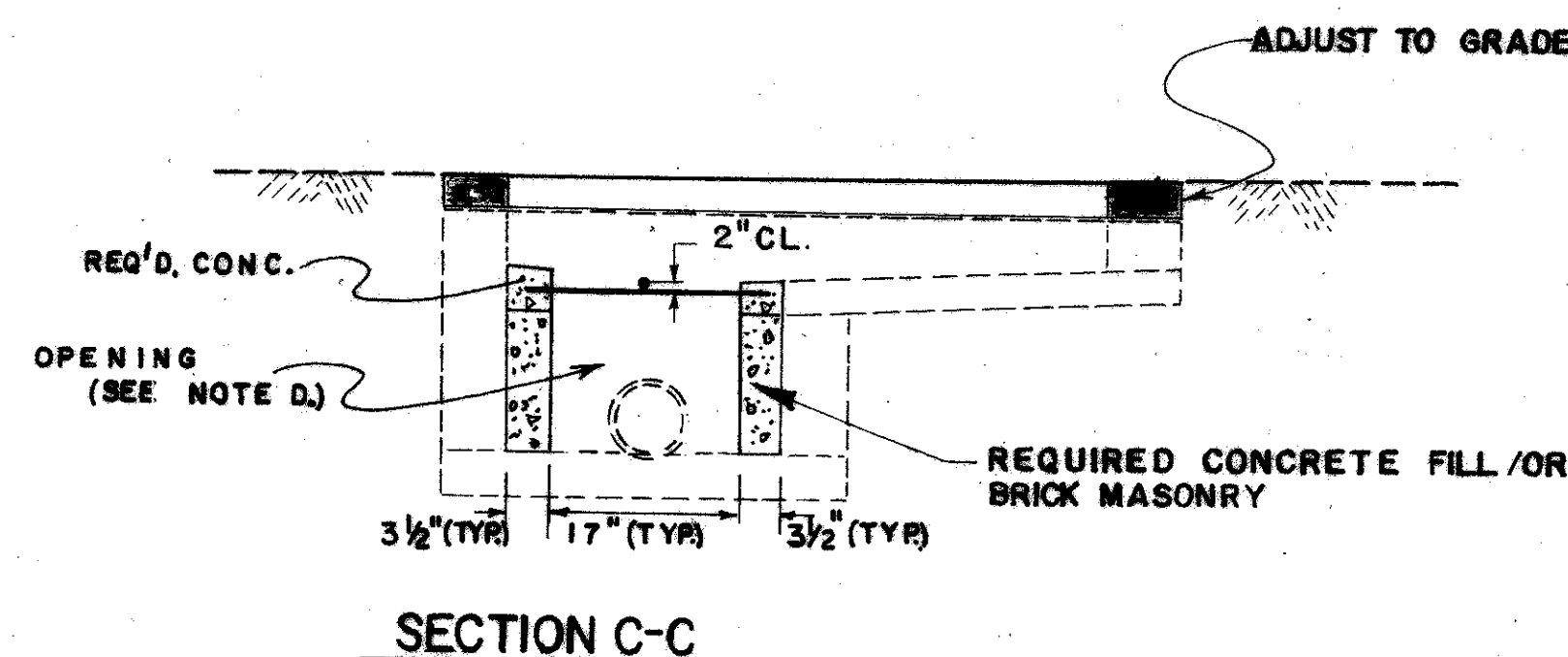
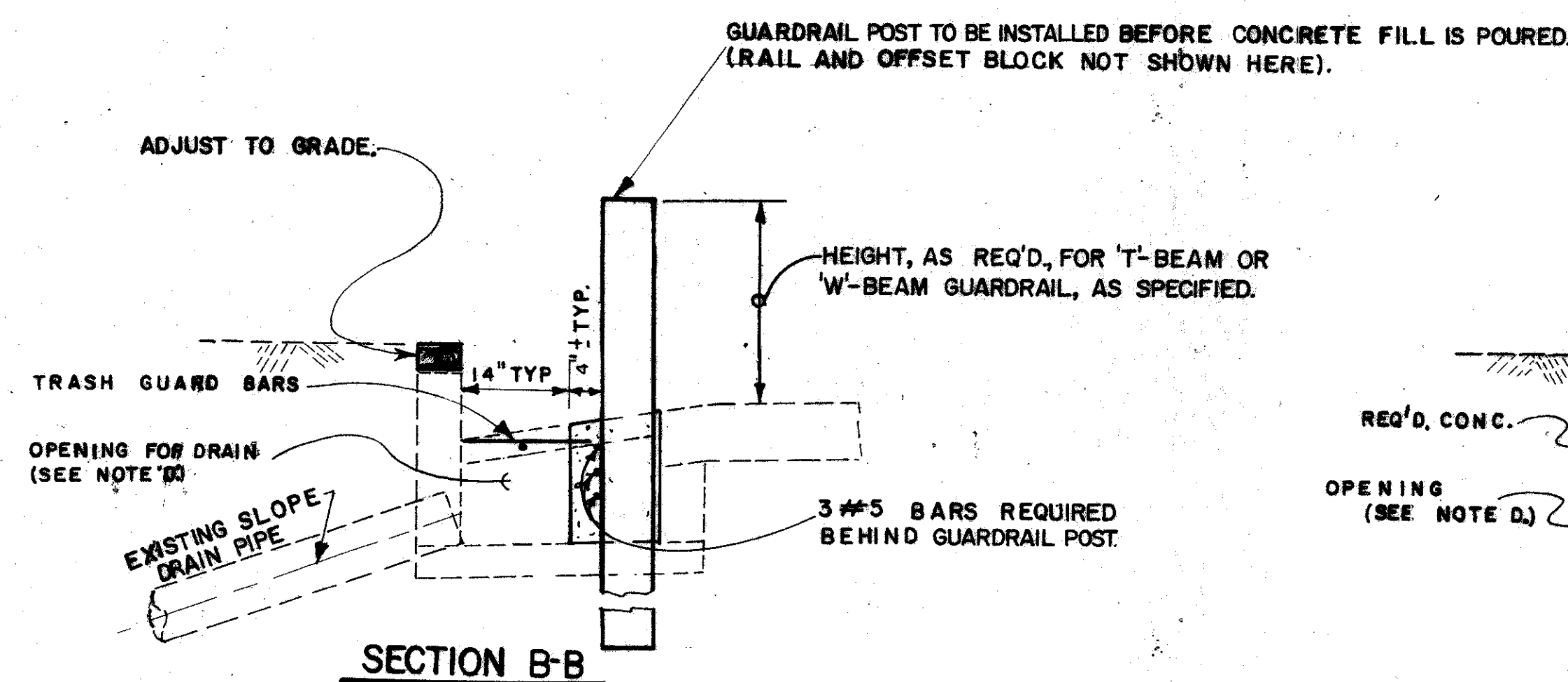


NOTE: CONCRETE FILL SLOPED TO INLET AT APPROXIMATELY 2'/FT.

TYPICAL CONSTRUCTION SEQUENCE:

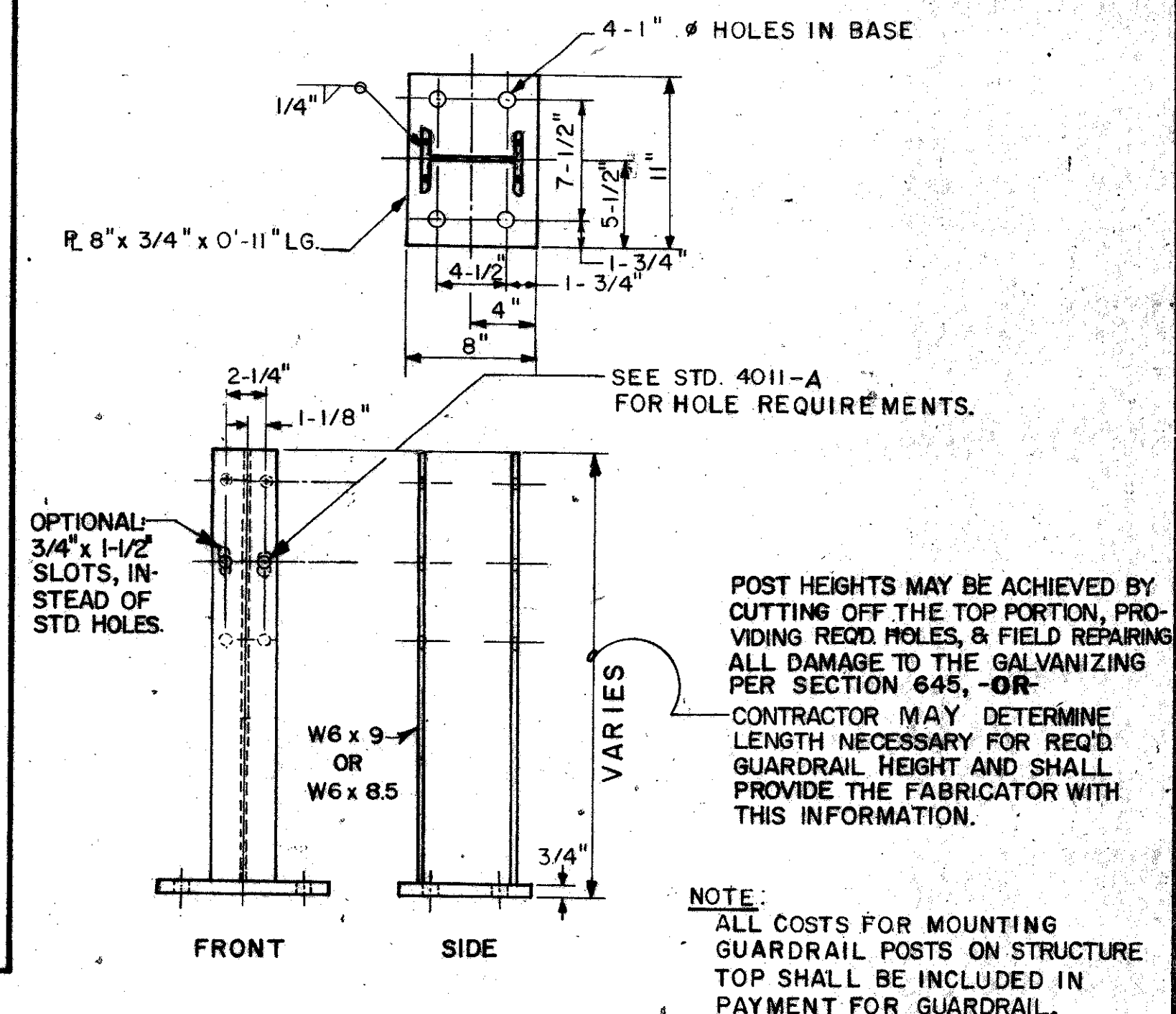
- REMOVE CATCH BASIN TOP
- ADJUST SIDES TO GRADE WITH BRICK MASONRY OR MORTAR.
- INSTALL ANY GUARDRAIL POST THAT MAY BE REQUIRED IN BOX PORTION OF CATCH BASIN.
- OPENING IN C.B. BOX IS SHOWN AS APPROXIMATELY 17"x14" (TYP) BASED UPON 2'x2' EXISTING INSIDE DIMENSIONS. WHERE EXISTING C.B. BOX IS LARGER, OPENING IS TO BE INCREASED UP TO 24"x24" MAX. WITH 4-#4 TRASH GUARD BARS SPACED AT 8" (TYP)
- FILL WITH CONCRETE, CLASS "B" OR ACCORDING TO SEC. 4.41 (OR BRICK MASONRY) APPROXIMATELY 1/3 CU.YDS. REQ'D FOR FILL PER CATCH BASIN. THIS IS BASED ON A HEIGHT OF 3'-6" AND A 17"x14" DRAIN OPENING.
- REMOVE CURB IF SHOWN IN THE PLANS OR IF DIRECTED BY THE ENGINEER.

FOR DETAILS NOT SHOWN, SEE GA. STANDARD 9017C.



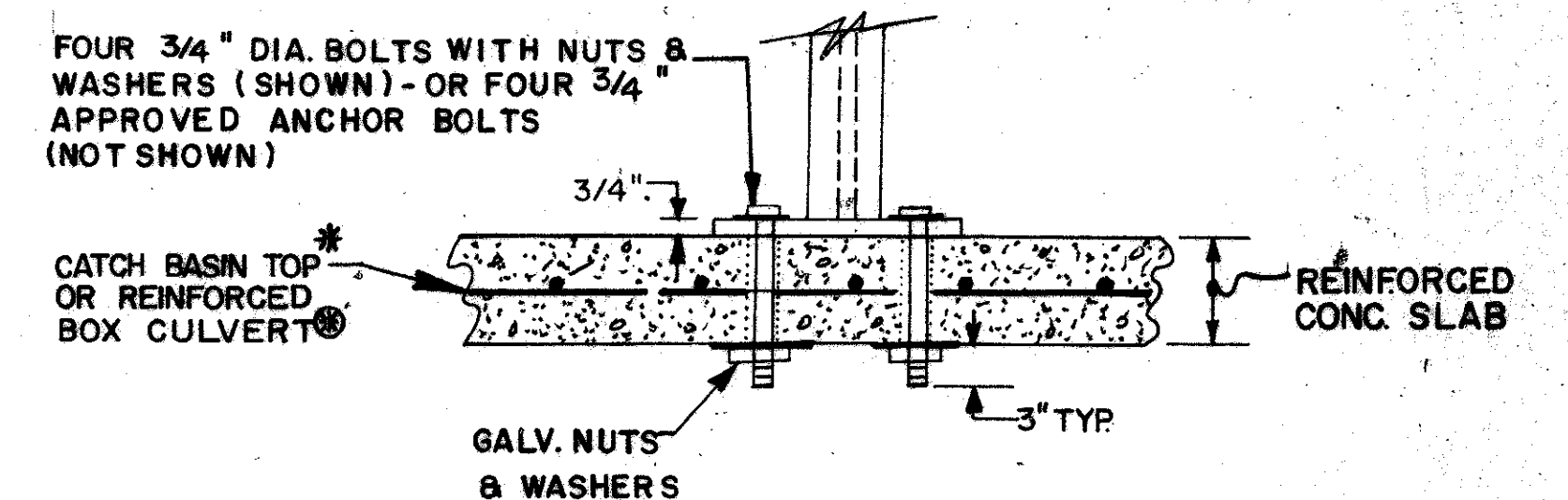
SPECIAL NOTE:
NORMAL USE OF DETAILS ABOVE WILL BE AT EXISTING BRIDGE ENDS WHERE GUARDRAIL IMPROVEMENTS ARE REQUIRED AND EXISTING 9017C CATCH BASINS ARE ADJACENT TO THE APPROACH SLAB. LOCATION MUST BE SUCH THAT DRAIN OPENING SHOWN IN DETAILS WILL BE BACK OF THE GUARDRAIL.
THESE DETAILS ARE NOT FOR USE WHERE SIDEWALK IS INTERCEPTED BY CATCH BASIN TOP.
THESE DETAILS ARE NOT TO BE USED IF EXISTING CATCH BASIN HAS INLET PIPE.

PLATE MOUNTED GUARDRAIL POST (ALTERNATE)



NOTE:

- POSTS AND POST PLATES SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-36 AND SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A-123, AFTER WELDING.
- POSTS INSTALLED ON SLOPING SURFACES ARE TO BE PLUMBED BY ADJUSTING NUTS OR MORTAR SEATING.



ATTACHMENT DETAIL

* INSTALLATION ON CATCH BASIN TOPS SHALL REQUIRE A DOUBLE NESTED RAIL SECTION TO BE INCLUDED IN PAYMENT FOR THE GUARDRAIL.

⊗ ALTERNATE: CONCRETE BLOCK, PER STANDARD 4011-A, MAY BE SUBSTITUTED ON BOX CULVERTS WHERE COVER PERMITS.

REV.	REVISION	DATE
R.M.U.	GEN. REV.	3-24-86
R.M.U.	GEN. REV.	3-10-88
K.L.J.	ADDED MOUNTED POST 10-7-87	
R.M.U.	OPENING INCREASED 7-4-85	
R.M.U.	GEN. REVISIONS	7-3-80

CONSTRUCTION DETAILS
DETAILS FOR CONVERTING EXISTING
9017C CATCH BASIN TO SPILLWAY
DETAILS FOR PLATE MOUNTED
GUARDRAIL POST (ALTERNATE)

DES: R.M.U.
TRA: G.M.E.

MARCH 1978